INDEX

Abraham, G. *See* Kranenberg, Pietrzak & Abraham

Allen, J. S., Samelson, R. M. & Newberger, P. A. Chaos in a model of forced quasi-geostrophic flow over topography: an application of Melnikov's method, 511–547

Ardavan, H. The breakdown of the linearized theory and the role of quadrupole sources in transonic rotor acoustics, 591–624

Baddour, R. E. Thermal hydraulic jump: theory and experiment, 243–256

Barkhudarov, E. M., Mdivnishvili, M. O., Sokolov, I. V., Taktakishvili, M. I. & Terekhin, V. E. Mach reflection of a ring shock wave from the axis of symmetry, 497–509

Blondeaux, P. & Vittori, G. Vorticity dynamics in an oscillatory flow over a rippled bed, 257–289

Bontozoglou, V., Kalliadasis, S. & Karabelas, A. J. Inviscid free-surface flow over a periodic wall, 189–203

Busse, F. H. *See* Weisshaar, Busse & Nagata

Castro, I. P. *See* Dianat & Castro

Craik, A. D. D. The continuous spectrum of the Orr–Sommerfeld equation: note on a paper of Grosch & Salwen, 565–571

Dianat, M. & Castro, I. P. Turbulence in a separated boundary layer, 91–123

Duncan, J. H. & Zhang, S. On the interaction of a collapsing cavity and a compliant wall, 401–423

Eaton, J. K. *See* Squires & Eaton

Gañán-Calvo, A. M. Oscillations of liquid captive rotating drops, 63–90

Georgiou, E., Papangeorgiou, D. T., Maldarelli, C. & Rumschitzki, D. S. The double layer–capillary stability of an annular electrolyte film surrounding a dielectric-fluid core in a tube, 149–174

Gerrard, J. H. *See* Green & Gerrard

Green, R. B. & Gerrard, J. H. An optical interferometric study of the wake of a bluff body, 219–242

Haines, E. M. *See* Strathdee, Robinson & Haines

Huppert, H. E., Kerr, R. C., Lister, J. R. & Turner, J. S. Convection and particle entrainment driven by differential sedimentation, 349–369

Janssen, J. D. *See* Rindt, Steenhoven, Janssen & Vossers

Jiang, F. Asymptotic evaluation of three-dimensional wave packets in parallel flows, 573–590

Kalliadasis, S. *See* Bontozoglou, Kalliadasis & Karabelas

Karabelas, A. J. *See* Bontozoglou, Kalliadasis & Karabelas

Kerr, R. C. *See* Huppert, Kerr, Lister & Turner

Kranenburg, C., Pietrzak, J. D. & Abraham, G. Trapped internal waves over undular topography, 205–217

Lezzi, A. M. & Prosperetti, A. The stability of an air film in a liquid flow, 319–347

Li, X. & Tankin, R. S. On the temporal instability of a two-dimensional viscous liquid sheet, 425–443

Lister, J. R. *See* Huppert, Kerr, Lister & Turner

Maldarelli, C. *See* Georgiou, Papangeorgiou, Maldarelli & Rumschitzki

INDEX

Abraham, G. *See* Kranenberg, Pietrzak & Abraham

Allen, J. S., Samelson, R. M. & Newberger, P. A. Chaos in a model of forced quasi-geostrophic flow over topography: an application of Melnikov's method, 511–547

Ardavan, H. The breakdown of the linearized theory and the role of quadrupole sources in transonic rotor acoustics, 591–624

Baddour, R. E. Thermal hydraulic jump: theory and experiment, 243–256

Barkhudarov, E. M., Mdivnishvili, M. O., Sokolov, I. V., Taktakishvili, M. I. & Terekhin, V. E. Mach reflection of a ring shock wave from the axis of symmetry, 497–509

Blondeaux, P. & Vittori, G. Vorticity dynamics in an oscillatory flow over a rippled bed, 257–289

Bontozoglou, V., Kalliadasis, S. & Karabelas, A. J. Inviscid free-surface flow over a periodic wall, 189–203

Busse, F. H. *See* Weisshaar, Busse & Nagata

Castro, I. P. *See* Dianat & Castro

Craik, A. D. D. The continuous spectrum of the Orr–Sommerfeld equation: note on a paper of Grosch & Salwen, 565–571

Dianat, M. & Castro, I. P. Turbulence in a separated boundary layer, 91–123

Duncan, J. H. & Zhang, S. On the interaction of a collapsing cavity and a compliant wall, 401–423

Eaton, J. K. *See* Squires & Eaton

Gañán-Calvo, A. M. Oscillations of liquid captive rotating drops, 63–90

Georgiou, E., Papangeorgiou, D. T., Maldarelli, C. & Rumschitzki, D. S. The double layer–capillary stability of an annular electrolyte film surrounding a dielectric-fluid core in a tube, 149–174

Gerrard, J. H. *See* Green & Gerrard

Green, R. B. & Gerrard, J. H. An optical interferometric study of the wake of a bluff body, 219–242

Haines, E. M. *See* Strathdee, Robinson & Haines

Huppert, H. E., Kerr, R. C., Lister, J. R. & Turner, J. S. Convection and particle entrainment driven by differential sedimentation, 349–369

Janssen, J. D. *See* Rindt, Steenhoven, Janssen & Vossers

Jiang, F. Asymptotic evaluation of three-dimensional wave packets in parallel flows, 573–590

Kalliadasis, S. *See* Bontozoglou, Kalliadasis & Karabelas

Karabelas, A. J. *See* Bontozoglou, Kalliadasis & Karabelas

Kerr, R. C. *See* Huppert, Kerr, Lister & Turner

Kranenburg, C., Pietrzak, J. D. & Abraham, G. Trapped internal waves over undular topography, 205–217

Lezzi, A. M. & Prosperetti, A. The stability of an air film in a liquid flow, 319–347

Li, X. & Tankin, R. S. On the temporal instability of a two-dimensional viscous liquid sheet, 425–443

Lister, J. R. *See* Huppert, Kerr, Lister & Turner

Maldarelli, C. *See* Georgiou, Papangeorgiou, Maldarelli & Rumschitzki

Mdivnishvili, M. O. *See* Barkhudarov, Mdivnishvili, Sokolov, Taktakishvili & Terekhin

Myers, M. K. Transport of energy by disturbances in arbitrary steady flows, 383–400

Nagata, M. *See* Weisshaar, Busse & Nagata

Newberger, P. A. *See* Allen, Samelson & Newberger

Papangeorgiou, D. T. *See* Georgiou, Papangeorgiou, Maldarelli & Rumschitzki

Pietrzak, J. D. *See* Kranenburg, Pietrzak & Abraham

Pinho, F. T. & Whitelaw, J. H. Flow of non-Newtonian fluids over a confined baffle, 475–496

Prosperetti, A. *See* Lezzi & Prosperetti

Rindt, C. C. M., Steenhoven, A. A. van, Janssen, J. D. & Vossers, G. Unsteady entrance flow in a 90° curved tube, 445–474

Robinson, W. H. *See* Strathdee, Robinson & Haines

Rumschitzki, D. S. *See* Georgiou, Papangeorgiou, Maldarelli & Rumschitzki

Samelson, R. M. *See* Allen, Samelson & Newberger

Sokolov, I. V. *See* Barkhudarov, Mdivnishvili, Sokolov, Taktakishvili & Terekhin

Squires, K. D. & Eaton, J. K. Measurements of particle dispersion obtained from direct numerical simulations of isotropic turbulence, 1–35

Steenhoven, A. A. van. *See* Rindt, Steenhoven, Janssen & Vossers

Storesletten, L. *See* Tyvand & Storesletten

Strathdee, J., Robinson, W. H. & Haines, E. M. Moving loads on ice plates of finite thickness, 37–61

Taktakishvili, M. I. *See* Barkhudarov, Mdivnishvili, Sokolov, Taktakishvili & Terekhin

Tankin, R. S. *See* Li & Tankin

Terekhin, V. E. *See* Barkhudarov, Mdivnishvili, Sokolov, Taktakishvili & Terekhin

Tsay, R.-Y. & Weinbaum, S. Viscous flow in a channel with periodic cross-bridging fibres: exact solutions and Brinkman approximation, 125–147

Turner, J. S. *See* Huppert, Kerr, Lister & Turner

Tyvand, P. A. & Storesletten, L. Onset of convection in an anisotropic porous medium with oblique principal axes, 371–382

Vittori, G. *See* Blondeaux & Vittori

Vossers, G. *See* Rindt, Steenhoven, Janssen & Vossers

Wang, Q.-X. Flow around an unsteady thin wing close to curved ground, 175–187

Weinbaum, S. *See* Tsay & Weinbaum

Weisshaar, E., Busse, F. H. & Nagata, M. Twist vortices and their instabilities in the Taylor–Couette system, 549–564

Whitelaw, J. H. *See* Pinho & Whitelaw

Woods, A. W. Boundary-driven mixing, 625–654

Xü, H. A potential flow solution for a yawed surface-piercing plate, 291–317

Zhang, S. *See* Duncan & Zhang